

# Igloo Dome

## Air-Conditioned Camera Enclosure Solution for Hot, Humid Climates

IGDW75C1N..... Outdoor air conditioned dome housing with wall and pole mount, clear polycarbonate dome, with 240VAC input, heater / blower, 120 to 24VAC transformer for fixed camera

IGDW75T1N.....Tinted version

IGDW7CN-3..... Outdoor IP network ready 7" air conditioned PTZ camera system with 36x zoom day and night camera, MPEG-4 and MJPEG video compression, full D1. Clear dome, with 24Vac input, heater / blower

IGDW75CS-3..... Outdoor analog version of the IGDW7CN-3



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Sensor and Surveillance Systems

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## IMPORTANT SAFEGUARDS

- 1 Read these instructions.
- 2 Keep these instructions.
- 3 Heed all warnings
- 4 Follow all instructions.
- 5 Do not use this apparatus near water.
- 6 Clean only with damp cloth.
- 7 Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
- 8 Cable Runs- All cable runs must be within permissible distance.
- 9 Mounting - This unit must be properly and securely mounted to a supporting structure capable of sustaining the weight of the unit.

### Accordingly:

- a. This installation should be made by a qualified service person and should conform to all local codes.
  - b. Care should be exercised to select suitable hardware to install the unit, taking into account both the composition of the mounting surface and the weight of the unit.
- 10 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus ( including amplifiers) that produce heat.
  - 11 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
  - 12 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
  - 13 Only use attachment/ accessories specified by the manufacturer.
  - 14 Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/ apparatus combination to avoid injury from tip-over.
  - 15 Unplug this apparatus during lightning storms or when unused for long periods of time.
  - 16 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Be sure to periodically examine the unit and the supporting structure to make sure that the integrity of the installation is intact. Failure to comply with the foregoing could result in the unit separating from the support structure and falling, with resultant damages or injury to anyone or anything struck by the falling unit.

## UNPACKING

**Unpack carefully. Electronic components can be damaged if improperly handled or dropped. If an item appears to have been damaged in shipment, replace it properly in its carton and notify the shipper.**

### Be sure to save:

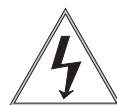
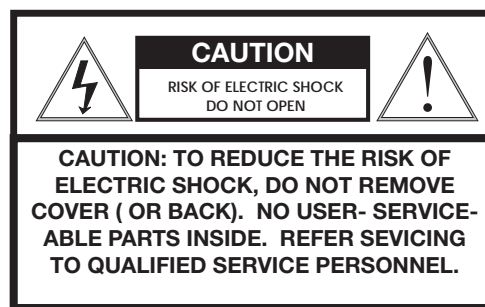
- 1 **The shipping carton and packaging material. They are the safest material in which to make future shipments of the equipment.**
- 2 **These Installation and Operating Instructions.**

## SERVICE

If technical support or service is needed, contact us at the following number:

TECHNICAL SUPPORT  
AVAILABLE 24 HOURS  
1 - 800 - 554 - 1124

## SAFETY PRECAUTIONS



The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk to persons.

Este símbolo se piensa para alertar al usuario a la presencia del "voltaje peligroso no-aislado" dentro del recinto de los productos que puede ser un riesgo de choque eléctrico.

Ce symbole est prévu pour alerter l'utilisateur à la présence "de la tension dangereuse" non-isolée dans la clôture de produits qui peut être un risque de choc électrique.

Dieses Symbol soll den Benutzer zum Vorhandensein der nicht-Isolier "Gefährdungsspannung" innerhalb der Produkteinschließung alarmieren die eine Gefahr des elektrischen Schlages sein kann.

Este símbolo é pretendido alertar o usuário à presença "di tensão perigosa non-isolada" dentro do cerco dos produtos que pode ser um risco de choque elétrico.

Questo simbolo è inteso per avvertire l'utente alla presenza "di tensione pericolosa" non-isolata all'interno della recinzione dei prodotti che può essere un rischio di scossa elettrica.



The exclamation point within an equilateral triangle is intended to alert the user to presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Este símbolo del punto del exclamation se piensa para alertar al usuario a la presencia de instrucciones importantes en la literatura que acompaña la aplicación.

Ce symbole de point d'exclamation est prévu pour alerter l'utilisateur à la présence des instructions importantes dans la littérature accompagnant l'appareil.

Dieses Ausruf Punktsymbol soll den Benutzer zum Vorhandensein de wichtigen Anweisungen in der Literatur alarmieren, die das Gerät begleitet.

Este símbolo do ponto do exclamation é pretendido alertar o usuário à presença de instruções importantes na literatura que acompanha o dispositivo.

Questo simbolo del punto del exclamation è inteso per avvertire l'utente alla presenza delle istruzioni importanti nella letteratura che accompagna l'apparecchio.

# Product Warranty Registration

Register Your Products Online

[www.moogS3.com/technical-support/product-registration](http://www.moogS3.com/technical-support/product-registration)

Moog values your patronage. We are solely committed to providing you with the highest quality products and superior customer service. With 3-Year and 5-Year warranties (depending on the product purchased) we stand behind every product we sell.

*See full warranty details at [www.moogS3.com/technical-support/warranty-plan/](http://www.moogS3.com/technical-support/warranty-plan/)*

**Register your products today to receive the following benefits:**

- Simple and Trouble-Free RMA process
- Product / software updates
- Special promotions
- Eliminate the need to archive purchase documents such as receipts, purchase orders, etc.

# Limited Warranty for Moog Products

Moog - Decatur Operations, subsequently referred to as "Manufacturer," warrants these products to be free from defects in material or workmanship as follows:

PRODUCT CATEGORY	PARTS \ LABOR
All Enclosures and Electronics	Five (5) Years
Accessory Brackets	Five (5) Years
Controllers	Three (3) Years
Power Supplies / IR Illuminators	Three (3) Years
Poles / PolEvators™ / CamEvator	Three (3) Years
Warrior Series™ / Q-View™	Three (3) Years
SView Series™	Three (3) Years 6 months if used in auto scan / tour operation
DeputyDome™, NiteTrac™, Igloo Dome, PurgeDome™	Three (3) Years 6 months if used in auto scan / tour operation
EXO Series™ Dome and Fixed Camera Systems*	Three (3) Years 6 months if used in auto scan / tour operation
EXO Series™ GeminEye Visible and Thermal Camera Systems	One (1) Year

During the labor warranty period, to repair the Product, Purchaser will either return the defective product, freight prepaid, or deliver it to Manufacturer at Moog Decatur Operations, 2525 Park Central Boulevard, Decatur, Georgia, 30035. The Product to be repaired is to be returned in either its original carton or a similar package affording an equal degree of protection with a RMA # (Return Materials Authorization number) displayed on the outer box or packing slip. To obtain a RMA# you must contact our Technical Support Team at 800.554.1124, extension 101. Manufacturer will return the repaired product freight prepaid to Purchaser. Manufacturer is not obligated to provide Purchaser with a substitute unit during the warranty period or at any time. After the applicable warranty period, Purchaser must pay all labor and/or parts charges. The limited warranty stated in these product instructions is subject to all of the following terms and conditions.

## TERMS AND CONDITIONS

**1. NOTIFICATION OF CLAIMS: WARRANTY SERVICE:** If Purchaser believes that the Product is defective in material or workmanship, then written notice with an explanation of the claim shall be given promptly by Purchaser to Manufacturer. All claims for warranty service must be made within the warranty period. If after investigation, Manufacturer determines the reported problem was not covered by the warranty, Purchaser shall pay Manufacturer for the cost of investigating the problem at its then prevailing per incident billable rate. No repair or replacement of any Product or part thereof shall extend the warranty period of the entire Product. The specific warranty on the repaired part only shall be in effect for a period of ninety (90) days following the repair or replacement of that part or the remaining period of the Product parts warranty, whichever is greater.

**2. EXCLUSIVE REMEDY: ACCEPTANCE:** Purchaser's exclusive remedy and Manufacturer's sole obligation is to supply (or pay for) all labor necessary to repair any Product found to be defective within the warranty period and to supply, at no extra charge, new or rebuilt replacements for defective parts.

**3. EXCEPTIONS TO LIMITED WARRANTY:** Manufacturer shall have no liability or obligation to Purchaser with respect to any Product requiring service during the warranty period which is subjected to any of the following: abuse, improper use, negligence, accident, or acts of God (i.e., hurricanes, earthquakes), modification, failure of the end-user to follow the directions outlined in the product instructions, failure of the end-user to follow the maintenance procedures recommended by the International Security Industry Organization, written in product instructions, or recommended in the service manual for the Product. Furthermore, Manufacturer shall have no liability where a schedule is specified for regular replacement or maintenance or cleaning of certain parts (based on usage) and the end-user has failed to follow such schedule; attempted repair by non-qualified personnel; operation of the Product outside of the published environmental and electrical parameters, or if such Product's original identification (trademark, serial number) markings have been defaced, altered, or removed. Manufacturer excludes from warranty coverage Products sold AS IS and/or WITH ALL FAULTS and excludes used Products which have not been sold by Manufacturer to the Purchaser. All software and accompanying documentation furnished with, or as part of the Product is furnished "AS IS" (i.e., without any warranty of any kind), except where expressly provided otherwise in any documentation or license agreement furnished with the Product. ANY COST ASSOCIATED WITH REMOVAL OF DEFECTIVE PRODUCT AND INSTALLATION OF REPLACEMENT PRODUCT IS NOT INCLUDED IN THIS WARRANTY.

**4. PROOF OF PURCHASE:** The Purchaser's dated bill of sale must be retained as evidence of the date of purchase and to establish warranty eligibility.

## DISCLAIMER OF WARRANTY

EXCEPT FOR THE FOREGOING WARRANTIES, MANUFACTURER HEREBY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY AND/OR ALL IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY WARRANTY WITH REGARD TO ANY CLAIM OF INFRINGEMENT THAT MAY BE PROVIDED IN SECTION 2-312(3) OF THE UNIFORM COMMERCIAL CODE AND/OR IN ANY OTHER COMPARABLE STATE STATUTE. MANUFACTURER HEREBY DISCLAIMS ANY REPRESENTATIONS OR WARRANTY THAT THE PRODUCT IS COMPATIBLE WITH ANY COMBINATION OF NON-MANUFACTURER PRODUCTS OR NON-MANUFACTURER RECOMMENDED PRODUCTS PURCHASER MAY CHOOSE TO CONNECT TO THE PRODUCT.

## LIMITATION OF LIABILITY

THE LIABILITY OF Manufacturer, IF ANY, AND PURCHASER'S SOLE AND EXCLUSIVE REMEDY FOR DAMAGES FOR ANY CLAIM OF ANY KIND WHATSOEVER, REGARDLESS OF THE LEGAL THEORY AND WHETHER ARISING IN TORT OR CONTRACT, SHALL NOT BE GREATER THAN THE ACTUAL PURCHASE PRICE OF THE PRODUCT WITH RESPECT TO WHICH SUCH CLAIM IS MADE. IN NO EVENT SHALL MANUFACTURER BE LIABLE TO PURCHASER FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY KIND INCLUDING, BUT NOT LIMITED TO, COMPENSATION, REPLACEMENT LABOR COSTS, REIMBURSEMENT, OR DAMAGES ON ACCOUNT OF THE LOSS OF PRESENT OR PROSPECTIVE PROFITS OR FOR ANY OTHER REASON WHATSOEVER.



## Electrical Specifications

### Igloo Dome



English

Power 120VAC .  
50/60 H<sub>2</sub>.  
300 WATTS.  
Tools Required: Phillips Head Screwdriver.  
Ceiling Support Wires(14 AWG wire min.)



Español

Energía 120VAC.  
50/60 H<sub>2</sub>.  
300 WATTS.  
Las herramientas requirieron: Destornillador principal  
Phillips.  
Alambres de la ayuda del techo  
(14 de alambre del AWG Min.)



Français

Puissance 120VAC.  
50/60 H<sub>2</sub>.  
300 WATTS.  
Outils requis : Tournevis phillips.  
Fils de soutien de plafond (14 de fil d'A.W.G. mn)



Deutsch

Energie 120VAC.  
50/60 H<sub>2</sub>.  
300 WATT.  
Werkzeuge erfordert: Kreuzkopfschraubenzieher.  
Decken-Stützdrähte (14 AWG-Lehredraht Min.)



Portuguese

Poder 120VAC.  
50/60 de H<sub>2</sub>.  
300 WATTS.  
As ferramentas exigiram: Chave de fenda principal de  
Phillips.  
Fios da sustentação do teto  
(14 de fio Calibre de diâmetro de fios Min.)



Italiano

Potere 120VAC.  
50/60 di H<sub>2</sub>.  
300 WATT.  
Gli attrezzi hanno richiesto: Cacciavite phillips. Legare  
di sostegno del soffitto  
(14 del legare dell'AWG min.)

## Mechanical Options

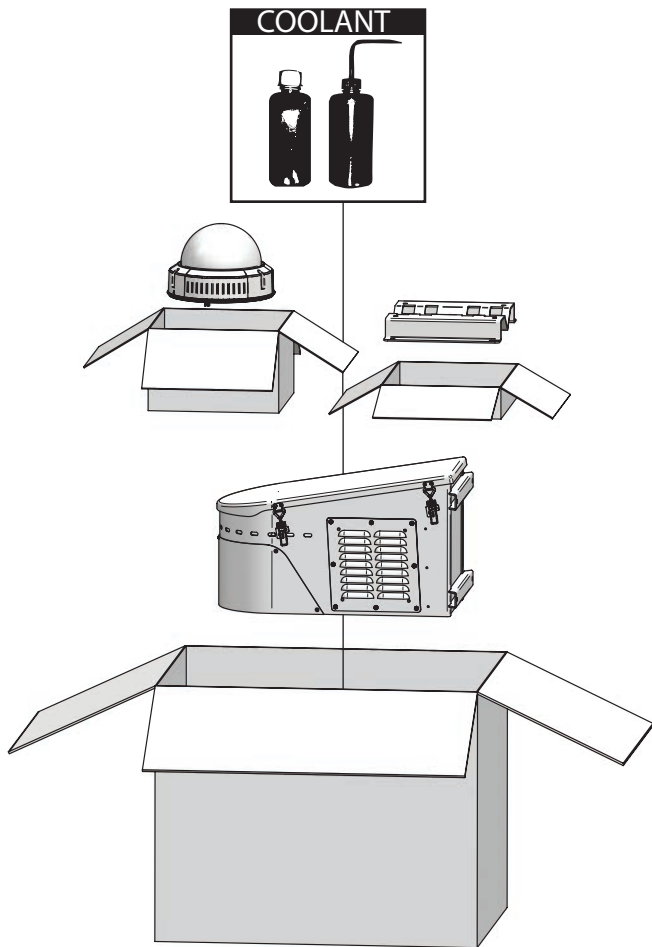
1. Air flow sensor available to be combined with camera output systems to monitor the effectiveness of air filter. If improper air flow is detected, sensor will send alarm. If user bypasses air flow sensor, air filter should be changed approximately every 6 months (depending on monitoring environment).

2. The Igloo Dome incorporates an automatic cool-down safety precaution system which deactivates the power of both the camera and cooling system when internal temperatures exceed 167°F (75°C). Once safe operating conditions resume, the camera and cooling system will reactivate.

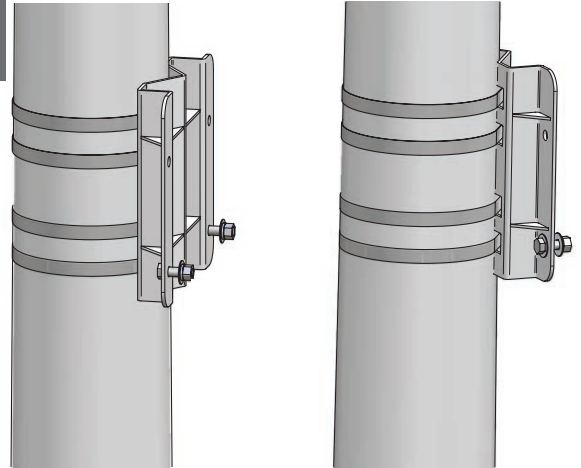
3. Condensation and water run-off is a by product of the Igloo Dome's cooling system. To prevent damage to the internal electrical components, the Igloo Dome consists of a water run-off hose, located underneath the optical dome. Please use caution that small amounts of water accumulation will be present directly underneath the Igloo Dome, resulting in slippery conditions.

\* A 50/50 blend of propylene glycol and water has a freezing point of -26°F. If lower temperature protection is required, it can readily be attained by increasing the concentration of propylene glycol Antifreeze - for example; a 60/40 blend of Antifreeze and water gives antifreeze protection to -54°F.

## Content of Box



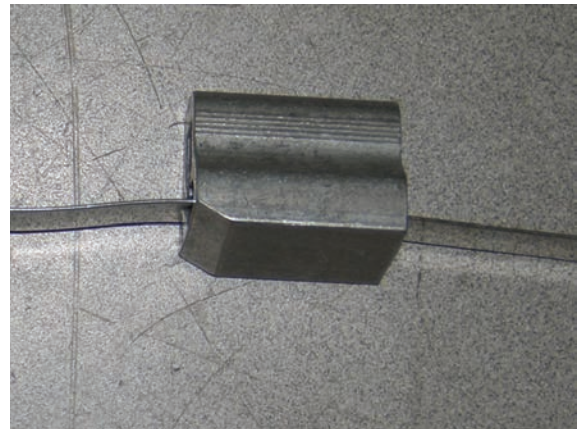
1



Position lower mounting bolts, washers and nuts as shown above. Thread the nuts until flush with bolt ends.

- Coloque pernos, arandelas y tuercas más bajos de montaje como se muestra arriba. Rosque las tuercas hasta rubor con los extremos de perno.
- Placez les boulons de fixation, les rondelles et les écrous inférieurs comme montré ci-dessus. Filetez les écrous jusqu'à l'éclat avec des extrémités de boulon.
- Bringen Sie unterere Befestigungsbolzen, Unterlegscheiben und Nüsse wie gezeigt oben in Position. Verlegen Sie die Nüsse bis bündiges mit Schraubbolzenenden.
- Posicione uns mais baixos parafusos, arruelas e porcas de montagem como mostrado acima. Rosqueie as porcas até o resplendor com extremidades de parafuso.
- Posizioni i bulloni, le rondelle ed i dadi più bassi di attacco come indicato sopra. Filetti i dadi fino ad a livello dell'estremità di bullone.

2



Thread one retainer extrusion at the end of steel band, allowing 1" (254mm) of band out. Beveled end of extrusion to be out.

- Un hilo de retención de extrusión en la final de la banda de acero, permitiendo 1" (254 mm), de banda a cabo. Biselados final de extrusión que se fuera.
- Thread extrusion une retenue à la fin de la bande d'acier, permettant à 1" (254mm) de la bande de. Biseauté fin de l'extrusion de ne pas être.
- Rijg een vasthoud-extrusie op het einde van stalen band, waardoor 1" (254 mm) van de band uit. Schuine einde van de extrusie worden uitgesloten.
- Passe um retentor extrusão no final da banda de aço, permitindo 1" (254 milímetros), da banda fora. Biselado final de extrusão de ser fora.
- Iniziatore di estrusione uno fermo alla fine di banda di acciaio, consentendo 1" (254 millimetri) di banda fuori. Smussato fine di estrusione di essere fuori.



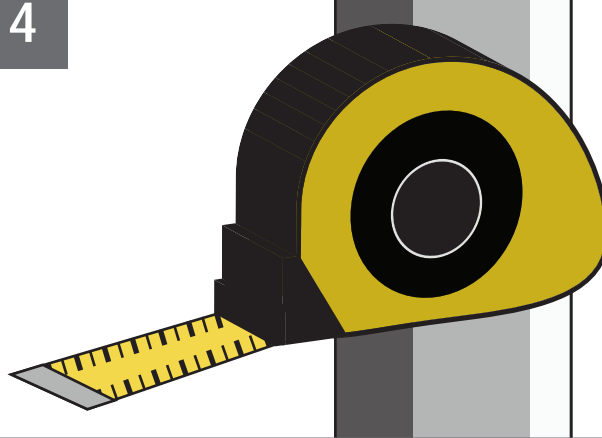
3



Carefully bend steel band around beveled end of extrusion. Hammer bend band to create a sharp radius.

- Doblar cuidadosamente alrededor de banda de acero biselado final de la extrusión. Libra doblado la banda para crear un plano de radio.
- Plier soigneusement autour de la bande d'acier biseautée fin de l'extrusion. Livre bande pliée pour créer un plat de rayon.
- Buig stalen band rond schuine einde van extrusie. Pound gebogen band voor het maken van een vlakke straal.
- Cuidadosamente dobre aço biselado fim da banda em torno de extrusão. Libra curvados banda para criar um plano de raio.
- Attentamente piegare acciaio banda intorno smussato fine di estrusione. Sterlina piegato banda per creare un piatto raggio.

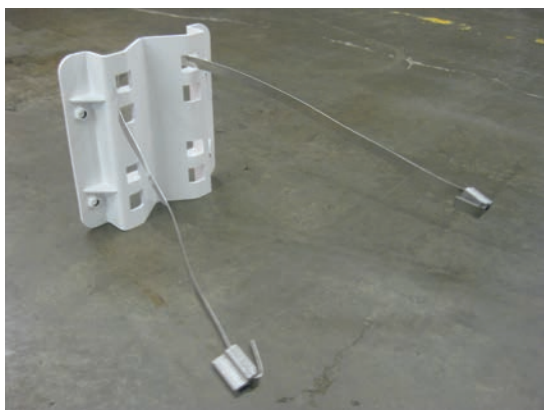
4



Measure perimeters around pole at desired mounting location. Measure band from outside edge of threaded retainer extrusion. Allow for additional 1½" (254 mm) to be placed underneath additional extrusion. Mark steel band and cut.

- Medida de distancias en torno a polos de montaje en la ubicación deseada. Medida de fuera de banda borde de la rosca de retención de extrusión. Dejar para más 1½ "(254 mm), que se coloca debajo adicionales de extrusión. Marcos de acero y banda de corte.
- Mesurer les distances autour de pôles de montage à l'emplacement désiré. Mesure bande de bord extérieur de l'extrusion de retenue fileté. Pour permettre supplémentaire de 1½ "(254 mm) pour être placées sous d'autres extrusion. Mark bande d'acier et de coupe.
- Meet afstanden rond de paal te monteren gewenste locatie. Maatregel band van buiten de rand van het threaded vasthoud-extrusie. Laat voor extra 1½ "(254 mm) worden geplaatst onder meer extrusie. Mark stalen band en uitgesneden.
- Medida de distâncias de cerca de pólo na montagem local desejado. Medida banda de fora de borda enfiada retenor extrusão. Permitir adicionais para 1½ "(254 mm) devem ser colocados abaixo adicionais extrusão. Mark banda de aço e de corte.
- Misura le distanze intorno al polo di montaggio posizione desiderata. Misura banda al di fuori del bordo del fermo filettati estrusione. Consenti per ulteriori 1½ "(254 mm) ad essere messi sotto supplementari estrusione. Mark acciaio banda e taglio.

5



Thread mounting hardware and additional retainer extrusion at opposite end of steel band. Refer to Block 1 and 2 for instructions.

- Rosca de montaje de hardware adicional y anticipo de extrusión en el extremo opuesto de la banda de acero. Consulte a Bloque 1 y 2 para obtener instrucciones.
- Thread matériel de montage et de retenue supplémentaire d'extrusion à face en acier fin de bande. Reportez-vous à bloc 1 et 2 pour les instructions.
- Rijg de montage van extra hardware en vasthoud-extrusie op het andere uiteinde van stalen band. Raadpleeg Blok 1 en 2 voor instructies.
- Rosca de montagem e hardware adicional retentor extrusão na extremidade oposta da banda de aço. Referem-se Bloco 1 e 2 para obter instruções.
- Inziatore di montaggio e supplementari fermo estrusione a fine opposta fascia di acciaio. Fare riferimento al blocco 1 e 2 per le istruzioni.

6



Place assembly around pole at desired mounting location. Insert bolt through retainer extrusions. Head of bolt needs to lock into end of retainer.

- Lugar de reunión en torno a polos de montaje en la ubicación deseada. Inserte el perno de retención a través de extrusiones. Jefe de la saeta a las necesidades de bloqueo en la final del retenedor.
- Lieu de rassemblement autour de pôles de montage à l'emplacement désiré. Insérer boulon de retenue extrusions. Chef de boulon doit en fin de verrouillage de la bague de retenue.
- Plaats vergadering rond de paal te monteren gewenste locatie. Plaats bout door vasthoud extrusies. Hoofd van de bout moet vastklikken einde van vasthoud.
- Colocar cerca de montagem em poste montagem local desejado. Inserir ferrolho através retentor extrusões. Chefe do ferrolho precisa ser encaixado na extremidade do dispositivo de retenção.
- Luogo di montaggio intorno al polo di montaggio posizione desiderata. Inserire il bullone attraverso fermo estrusioni. Capo del bullone deve bloccare in fine di fermo.

7



Thread nut to end of bolt and tighten with wrench.

- Hilo para poner fin a la tuerca de tornillo y apretar con llave.
- Thread noix à la fin de boulon et serrez avec clé.
- Thread moer tot het einde van de bout en draai met de moersleutel.
- Thread porca para o fim do ferrolho e aperte com a chave inglesa.
- Inziatore dado alla fine del bullone e serrare con la chiave inglese.

8



Installation is complete when nut is tight / secure and all slack has been removed from steel band.

- La instalación es completa cuando es apretado la tuerca / garantizar la seguridad de todos y la atonía se ha eliminado de la banda de acero.
- L'installation est terminée lorsque l'écrou est serré, sécurité et tous les mou a été retiré de la bande d'acier.
- De installatie is volledig wanneer moer is strak / beveiligde en alle speling verwijderd is van staal-band.
- A instalação está completa quando porca é apertado / seguro e todos folga foi removido da banda de aço.
- L'installazione è completa quando il dado è stretto / e tutte le sicuro slack è stata rimossa dalla banda di acciaio.



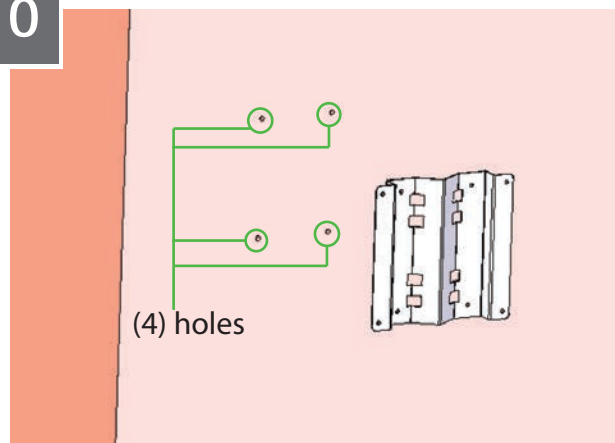
9

# From A-Z

Repeat for multiple band applications.

- Repetición para los usos de venda múltiples.
- Répétition pour des applications de bande multiples.
- Wiederholung für mehrfache Bandanwendungen.
- Repetição para aplicações de faixa múltiplas.
- Ripetizione per le applicazioni di fascia multiple.

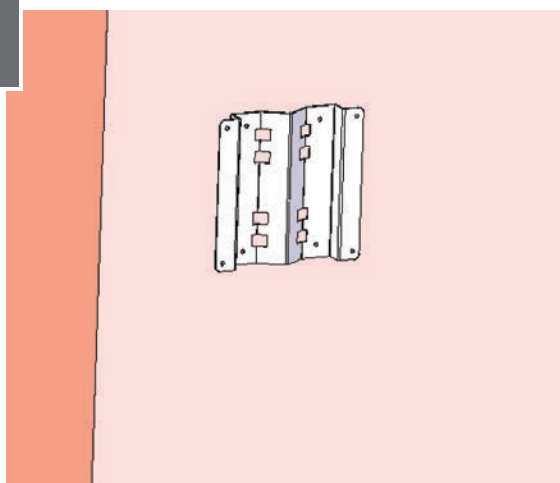
10



Locate and drill (4) holes 2" deep

- Localice y perforé (4) los agujeros 2" profundamente
- Trouvez et forez (4) les trous 2 » profondément
- Lokalisieren Sie und bohren Sie (4) Löcher 2" tief
- Encontre e perfure (4) furos 2" profundamente
- Individui e perfori (4) fori 2,, in profondità

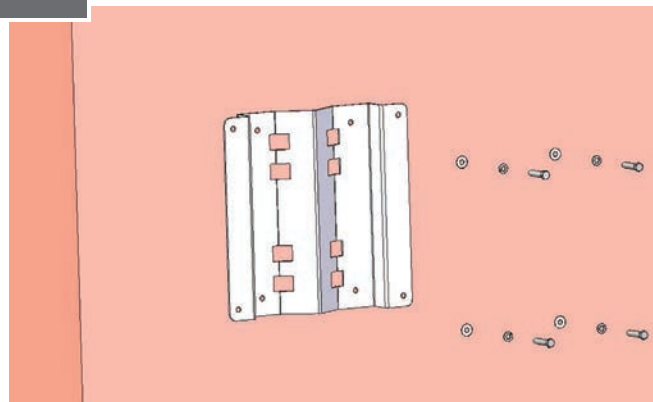
11



Place the mounting plate against the wall

- Coloque la pletina contra la pared
- Placez le plat de support contre le mur
- Setzen Sie die Montageplatte gegen die Wand
- Coloc a placa de montagem de encontro à parede
- Disponga il giunto di supporto contro la parete

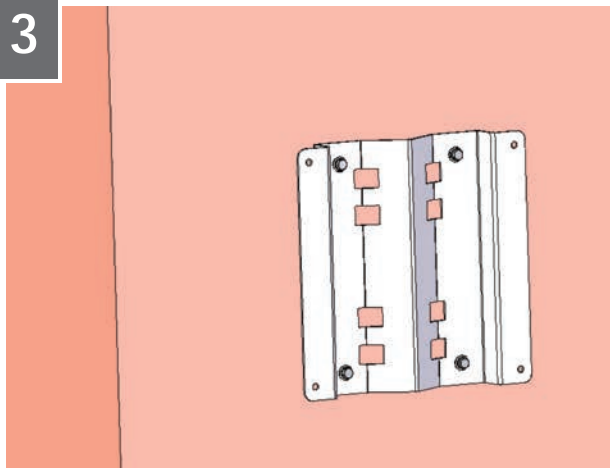
12



Attach with (4) anchor bolts, (4) lock washers, and (4) flat washers

- Fijación con (4) los pernos de ancla, (4) arandelas de cerradura, y (4) arandelas planas
- Attache avec (4) des boulons d'anchrage, (4) rondelles de freinage, et (4) rondelles plates
- Befestigung mit (4) Ankerbolzen, (4) Federringe und (4) flache Unterlegscheiben
- Anexo com (4) parafusos de escora, (4) arruelas de fechamento, e (4) arruelas lisas
- Attaccatura con (4) bulloni d'ancoraggio, (4) ranelle di bloccaggio e (4) rondelle piane

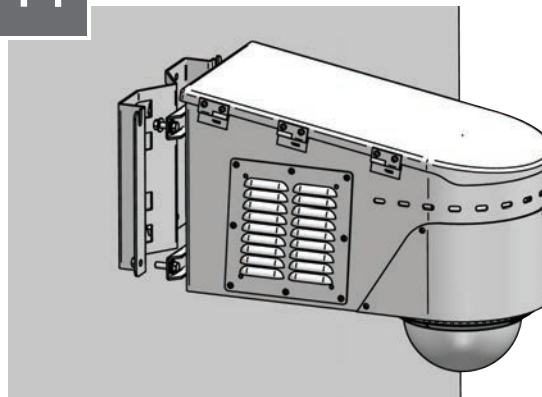
13



### Tighten all bolts securely

- Apriete todos los pernos con seguridad
- Serrez tous les boulons solidement
- Ziehen Sie alle Schraubbolzen sicher fest
- Aperte todos os parafusos firmemente
- Stringa saldamente tutti i bulloni

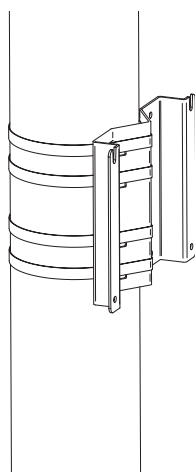
14



### Hang the Igloo Dome unit onto the wall mount

- Cuelgue la unidad Deputy2 sobre el montaje de la pared
- Accrochez l'unité Igloo Dome sur le bâti de mur
- Hängen Sie die Iglu-Haubemaßeinheit auf die Wandeinfassung
- Pendure a unidade da abóbada do Igloo na montagem da parede
- Appenda l'unità Igloo Dome sul supporto della parete

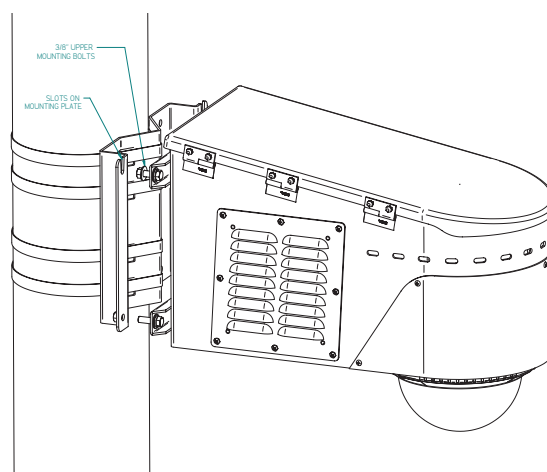
15



### Mount adapter plate to pole by steel straps

- Coloque pernos, arandelas y tuercas más bajos de montaje como se muestra arriba. Rosque las tuercas hasta rubor con los extremos de perno.
- Placez les boulons de fixation, les rondelles et les écrous inférieurs comme montré ci-dessus. Filetez les écrous jusqu'à l'éclat avec des extrémités de boulon.
- Bringen Sie unterere Befestigungsbolzen, Unterlegscheiben und Nüsse wie gezeigt oben in Position. Verlegen Sie die Nüsse bis bündiges mit Schraubbolzenenden.
- Posicione uns mais baixos parafusos, arruelas e porcas de montagem como mostrado acima. Rosqueie as porcas até o resplendor com extremidades de parafuso.
- Posizioni i bulloni, le rondelle ed i dadi più bassi di attacco come indicato sopra. Filetti i dadi fino ad a livello dell'estremità di bullone.

16



### Rest the IglooDome upper mounting bolts on the slots of the adapter plate. Insert lower bolts, washers and nuts and tighten all (4) bolts

- Coloque pernos, arandelas y tuercas más bajos de montaje como se muestra arriba. Rosque las tuercas hasta rubor con los extremos de perno.
- Placez les boulons de fixation, les rondelles et les écrous inférieurs comme montré ci-dessus. Filetez les écrous jusqu'à l'éclat avec des extrémités de boulon.
- Bringen Sie unterere Befestigungsbolzen, Unterlegscheiben und Nüsse wie gezeigt oben in Position. Verlegen Sie die Nüsse bis bündiges mit Schraubbolzenenden.
- Posicione uns mais baixos parafusos, arruelas e porcas de montagem como mostrado acima. Rosqueie as porcas até o resplendor com extremidades de parafuso.
- Posizioni i bulloni, le rondelle ed i dadi più bassi di attacco come indicato sopra. Filetti i dadi fino ad a livello dell'estremità di bullone.

17



#### Release latches (2) to open the cover

- Cierres de lanzamiento (2) para abrir la cubierta
- Verrous de dégagement (2) pour ouvrir la couverture
- Entriegelungshebel (2), zum der Abdeckung zu öffnen
- Travas de liberação (2) para abrir a tampa
- Fermi di rilascio (2) aprire la copertura

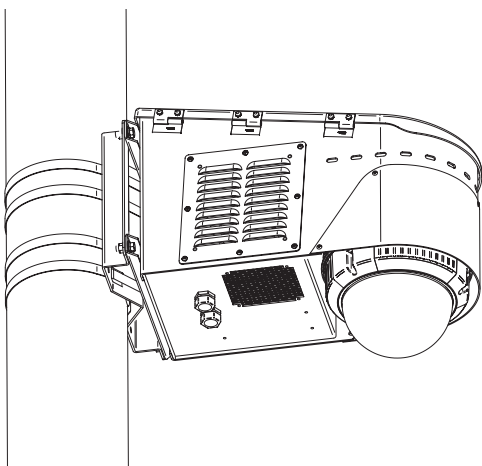
18



#### Support cover in open position using the brace

- Apoye la cubierta en la posición abierta usando el apoyo
- Soutenez la couverture en position d'ouverture utilisant le croisillon
- Stützen Sie Abdeckung in der geöffneten Position unter Verwendung der Klammer
- Suporte a tampa na posição aberta usando a cinta
- Sostenga la copertura nella posizione aperta usando il gancio

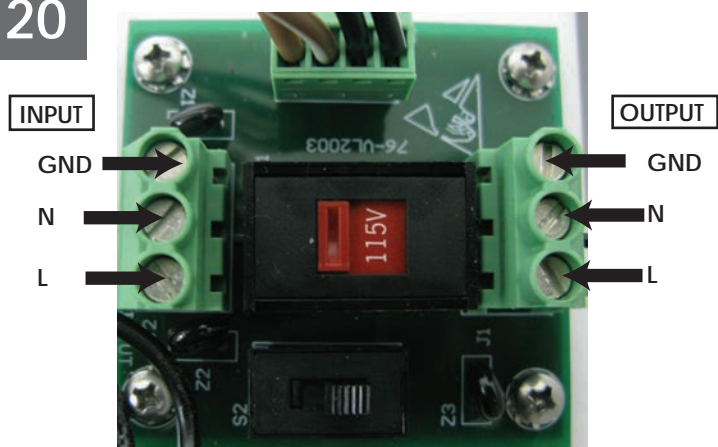
19



#### Route power and video cables through the water tight feed (at the base of the unit)

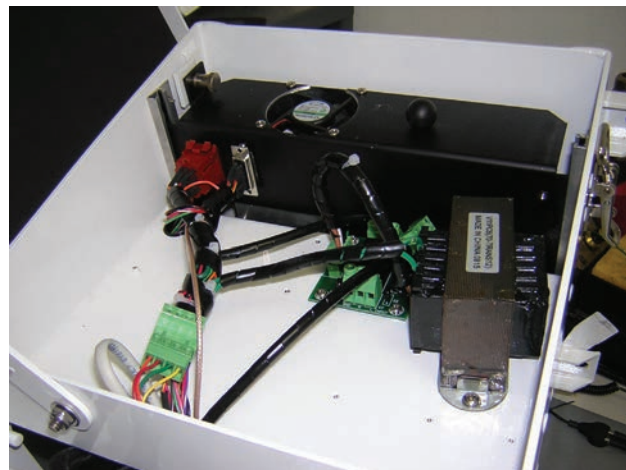
- Encamine los cables de la energía y del vídeo a través de la alimentación apretada del agua (en la base de la unidad)
- Conduisez les câbles de puissance et de vidéo par l'alimentation serrée de l'eau (à la base de l'unité)
- Verlegen Sie Energien- und Videokabel durch die feste Zufuhr des Wassers (an der Unterseite der Maßeinheit)
- Distribua cabos do poder e do vídeo através da alimentação apertada da água (na base da unidade)
- Diriga i cavi del video e di potere attraverso l'alimentazione stretta dell'acqua (alla base dell'unità)

20



Connect wires as shown, use minimum of 14 AWG

- Conecte los alambres como se muestra, utilice el mínimo de AWG 14
- Reliez les fils comme montré, employez le minimum d'A.W.G. 14
- Schließen Sie Drähte wie gezeigt an, verwenden Sie Minimum von AWG-Lehre 14
- Conecte fios como mostrado, use um mínimo de Calibre de diâmetro de fios 14
- Colleghi i legare come indicato, usi un minimo dell'AWG 14



Route cables and connect as shown

- Encamine los cables y conecte como se muestra
- Conduisez les câbles et reliez comme montré
- Verlegen Sie Kabel und schließen Sie wie gezeigt an
- Distribua cabos e conecte-os como mostrado
- Diriga i cavi e colleghi come indicato

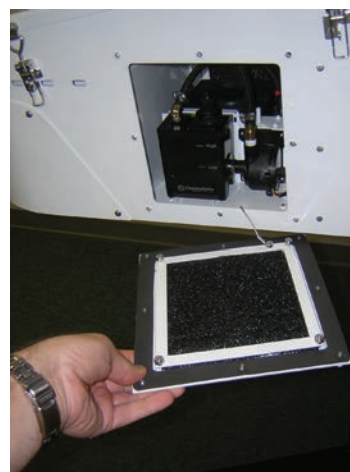
21



Remove right side louver panel

- Quite el panel de la lumbreira del derecho
- Enlevez le panneau d'auvent de côté droit
- Entfernen Sie Luftschlitzverkleidung der rechten Seite
- Remova o painel da grelha do lado direito
- Rimuova il pannello della feritoia della parte di destra

22



Set louver aside

- Fije la lumbreira a un lado
- Placez l'auvent de côté
- Stellen Sie Luftschlitz beiseite ein
- Ajuste a grelha de lado
- Regoli la feritoia da parte



# 23

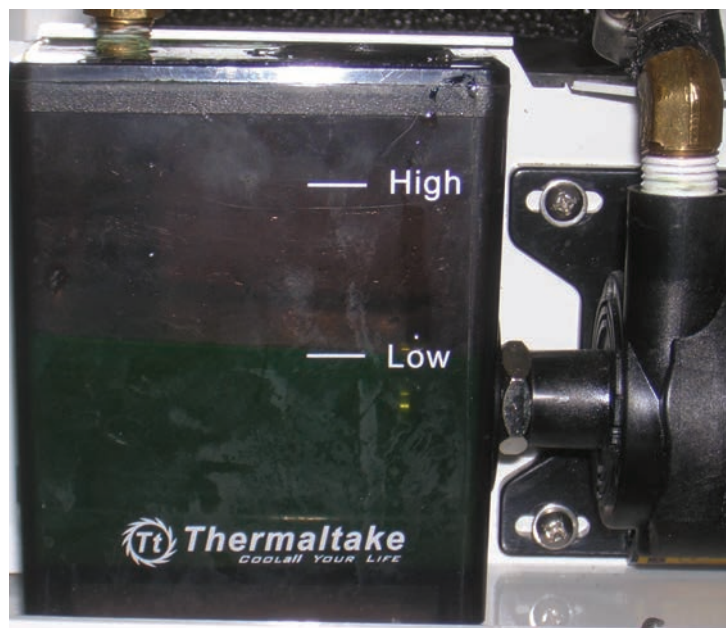


Remove cap and still reservoir with Propylene Glycol/ water mix. Use mix ratio specified or container (\*)

- Quite el casquillo y aún el depósito con la mezcla del glicol/del agua de propileno. Utilice el cociente de la mezcla especificado o el envase
- Enlevez le chapeau et toujours le réservoir avec le mélange de propylèneglycol/eau. Utilisez le rapport de mélange spécifique ou le récipient
- Entfernen Sie Kappe und noch Vorratsbehälter mit Propylenglykol/-wassermischung. Benutzen Sie das spezifizierte Mischungsverhältnis oder Behälter
- Remova o tampão e ainda o reservatório com a mistura do glicol/água de Propylene. Use a relação da mistura específico ou o recipiente
- Rimuova la protezione ed ancora il bacino idrico con la miscela del glicol/acqua di propilene. Utilizzi il rapporto della miscela specificato o il contenitore

\* Refer to the Mechanical Operations section of the instructions for proper mixture proportions

# 24



Initial liquid level should be between "High" and "Low" markers

- El nivel líquido inicial debe estar entre "los marcadores altos" y "bajos"
- Le niveau liquide initial devrait être entre les « hauts » et « bas » marqueurs
- Flüssiges zuerstniveau sollte zwischen „den hohen“ und „niedrigen“ Markierungen sein
- O nível líquido inicial deve estar entre "marcadores elevados" e "baixos"
- Il livello liquido iniziale dovrebbe essere fra "gli alti," ed indicatori "bassi,"



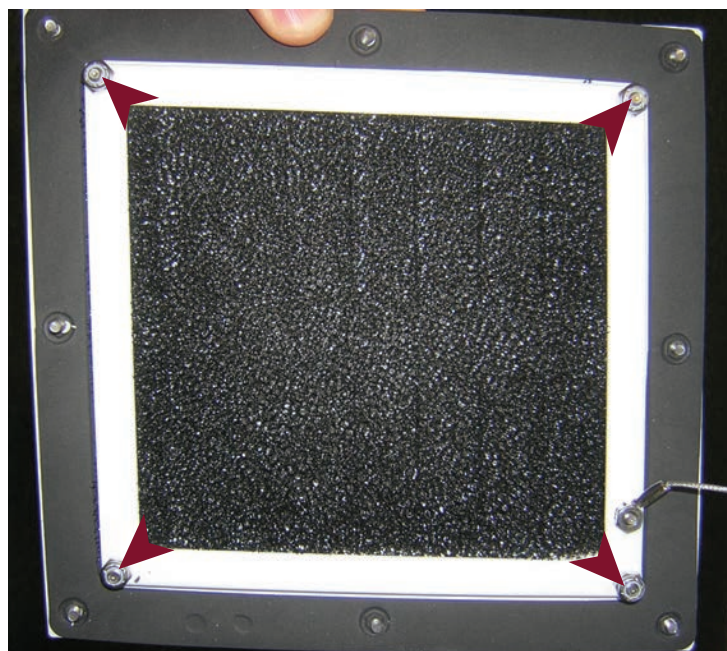
25



Power up the unit by activating the "Primer" button as shown to circulate coolant through system. Add coolant after system stabilizes-if required (should be between the "High" and "Low" marker).

- Accione para arriba la unidad activando el botón de la "cartilla" como se muestra para circular el líquido refrigerador a través de sistema. Agregue el líquido refrigerador después de sistema estabilizar- si está requerido (debe estar entre "el marcador alto" y "bajo").
- Mettez l'unité en actionnant le bouton de « amorce » comme montré pour circuler le liquide réfrigérant par le système. Ajoutez le liquide réfrigérant après système stabiliser-si requis (devrait être entre le « haut » et « bas » marqueur.
- Treiben Sie oben die Maßeinheit an, indem Sie wie gezeigt den „Zündkapsel“ Knopf aktivieren, um Kühlmittel durch System zu verteilen. Fügen Sie Kühlmittel nach System hinzu, stabilisieren-wenn erfordert (sollte zwischen der „hohen“ und „niedrigen“ Markierung sein.
- Pnha acima a unidade ativando a tecla da "primeira demão" como mostrado para circular o líquido refrigerante através do sistema. Adicione o líquido refrigerante após o sistema estabilizar-se exigido (deve estar entre "o marcador elevado" e "baixo").
- Alimenti in su l'unità attivando il tasto "dell'iniettore,, come indicato per fare circolare il liquido refrigerante attraverso il sistema. Aggiunga il liquido refrigerante dopo il sistema stabilizzare-se richiesto (dovrebbe essere fra "l'alto,, ed indicatore "basso,,.

26



The air intake filters should be periodically checked. They should be cleaned or replaced. To replace, unfasten the nuts holding the filter frame. Replace and remount using nuts as shown.

- Los filtros de la toma de aire deben ser comprobados periódicamente. Deben ser limpiados o ser substituidos. Para substituir, desate la tenencia nuts el marco del filtro. Substituya y remonte con tuercas como se muestra.
- Les filtres d'entrée d'air devraient être périodiquement vérifiés. Ils devraient être nettoyés ou remplacés. Pour remplacer, desserrez l'exploitation nuts l'armature de filtre. Remplacez et remount à l'aide des écrous comme montrés.
- Die Lufteintrittfilter sollten regelmäßig überprüft werden. Sie sollten gesäubert werden oder ersetzt werden. Um zu ersetzen, lösen Sie die nuts Holding der Filterrahmen. Ersetzen Sie und remount mit Nüssen wie gezeigt.
- Os filtros da entrada de ar devem periodicamente ser verificados. Devem ser limpiados ou substituídos. Para substituir, desate a terra arrendada nuts o frame do filtro. Substitua e remount usando porcas como mostradas.
- I filtri dalla presa di aria dovrebbero essere controllati periodicamente. Dovrebbero essere puliti o sostituiti. Per sostituire, sciogla la tenuta nuts la struttura del filtro. Sostituisca e remount per mezzo dei dadi come indicati.

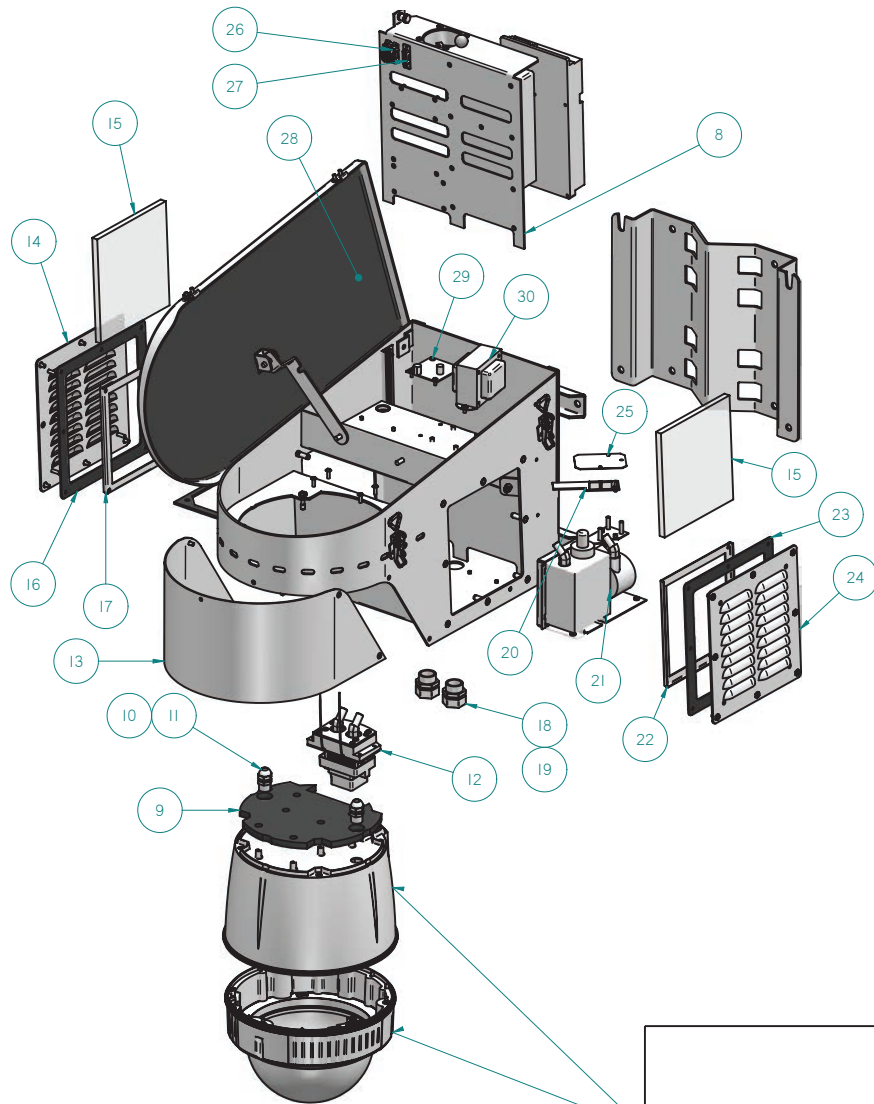


### Mount louver panel(s)

- Los paneles de la lumbreira del montaje
- Panneaux d'auvent de bâti
- Einfassungsluftschlitzverkleidungen
- Painéis da grelha da montagem
- Pannelli della feritoia del supporto

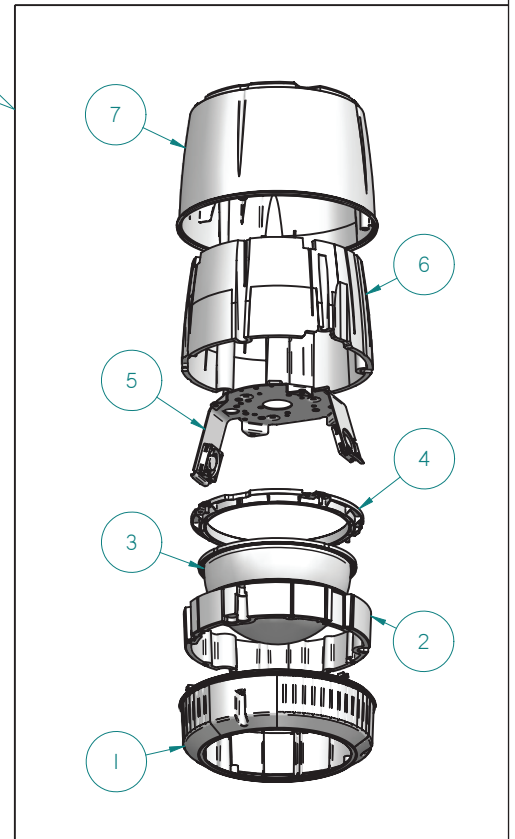
# Replacement Parts List

## Igloo Dome



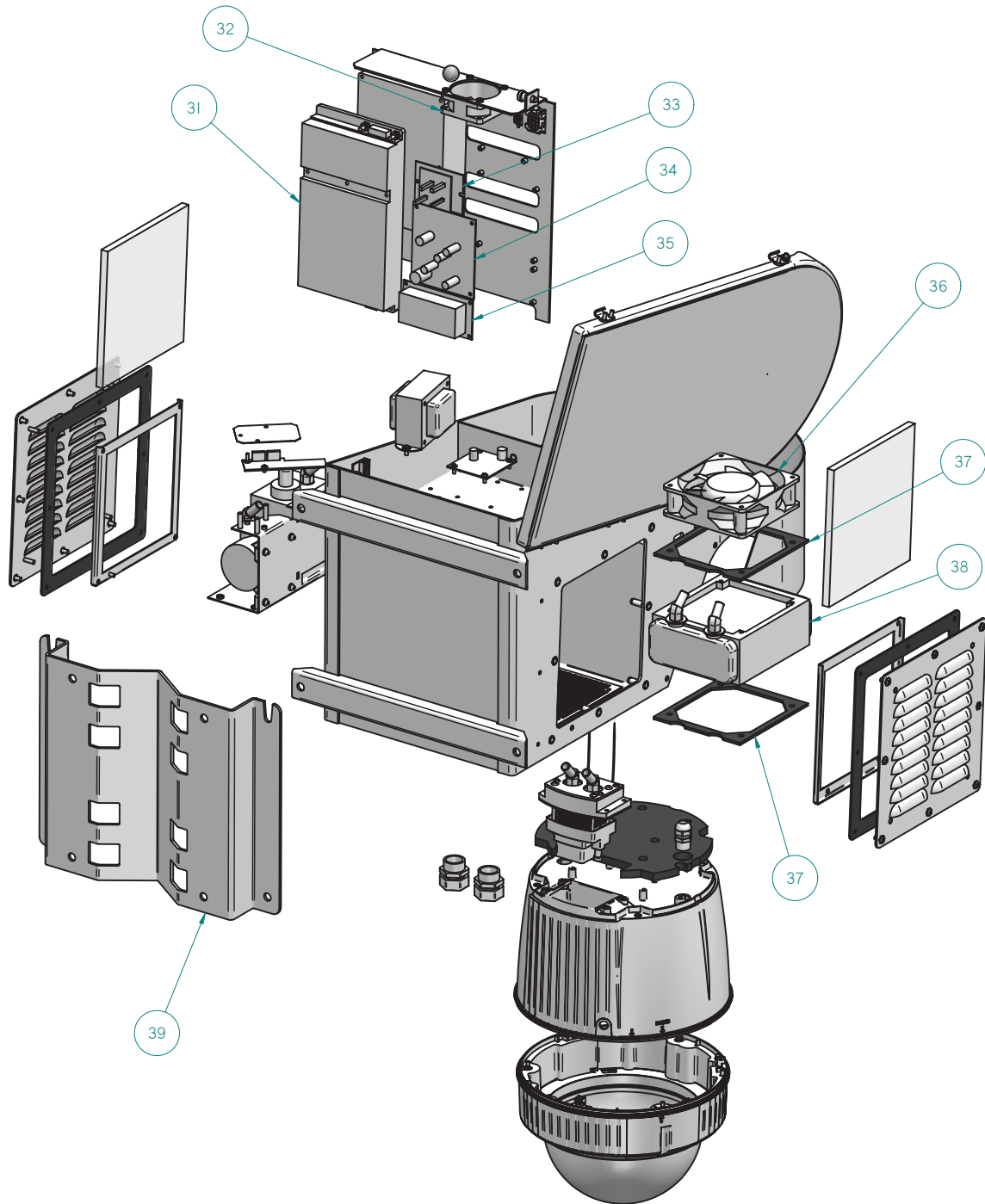
### Part Number Description

1	RPFD7501	TRIM RING FD75
2	RPGK3524	TRIM RING INSULATION
3	FD7T	TINTED REPLACEMENT CAPSULE
	FD7C	CLEAR REPLACEMENT CAPSULE
4	RPFD703	DOMES CLAMPING BRACKET
5	RPVL3414	CAMERA BRACKET
6	RPGK3521	HOUSING INSULATION
7	RPVL2593	HOUSING
8	RPVL3164	BOARD SHELF
9	RPGK3209	TOP INSULATION
10	RPFSSR06	STRAIN RELIEF CONNECTOR
11	RPFSRT20	NPT-3/8" NYLON LOCK NUT
12	RPVL3411	HEAT PUMP
13	RPVL3295	SUN SHIELD
14	RPVL3203	SIDE DOOR
15	RPVL3202	FILTER
16	RPGK3560	SIDE DOOR GASKET LEFT
17	RPVL3200	FILTER FLANGE
18	RPFSRT22	STRAIN RELIEF CONNECTOR
19	RPFSSR12	NYLON LOCK NUT
20	RP76VL2001	FLOW SENSOR
21	RPVL3566	RESERVOIR&PUMP ASSEMBLY
22	RPVL3552	FILTER FLANGE
23	RPGK3198	SIDE DOOR GASKET RIGHT
24	RPVL3180	SIDE DOOR RIGHT
25	RPVL3562	FLOW SENSOR SHIELD
26	RPCONN12	12 POS CONNECTOR
27	RPCONN15	15 POS CONNECTOR
28	RPGK3561	COVER GASKET
29	RPVL2003	CONNECTOR BOARD
30	RP70TRANS12	REPLACEMENT TRANSFORMER 96 VA



# Replacement Parts List

## Igloo Dome



Part Number	Description
31 RPVIMU3ES	POWER SUPPLY
32 RPBLEH12	BLOWER 60 X 60 X 25
33 RPPLTCONT	PELTIER DEVICE CONTROL BOARD
34 RPVL2004	CONTROL BOARD
35 RPZPSA6012	POWER SUPPLY
36 RPVLBL08	120X38mm FAN
37 RPGK3415	RADIATOR SEALING
38 RPIGRDTR	RADIATOR
39 RPVL3210	POLE MOUNT BRACKET